

FIG. 1

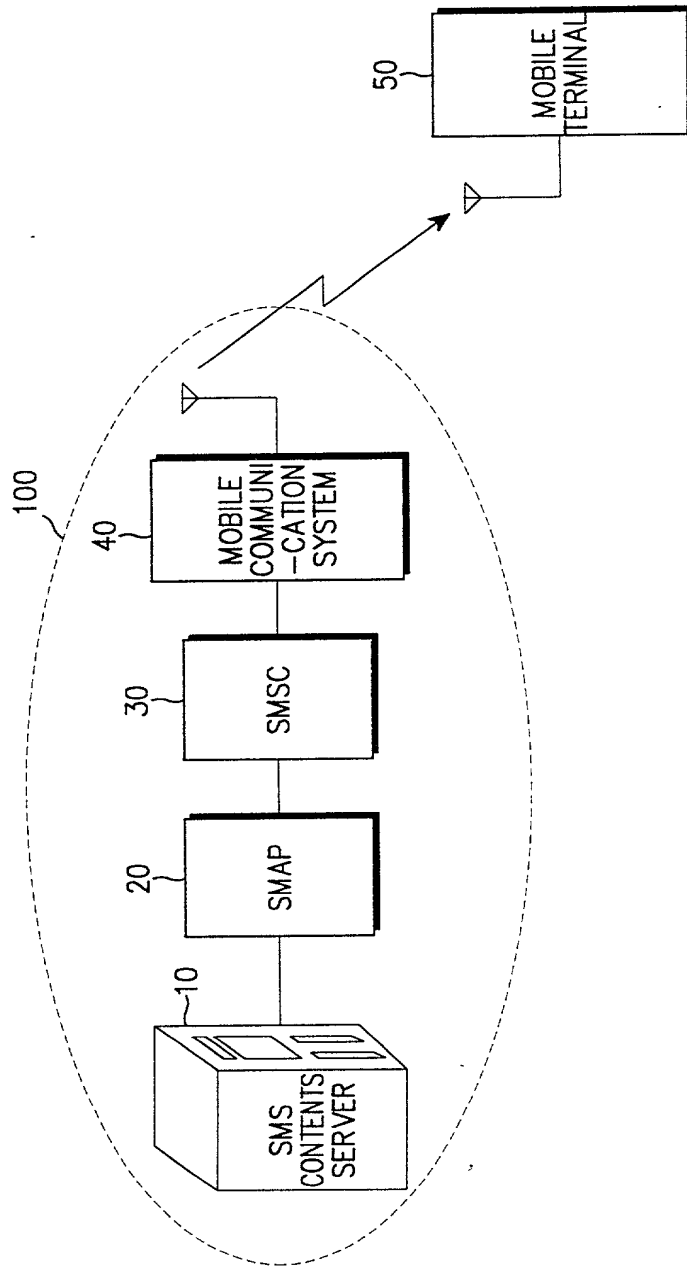


FIG. 2

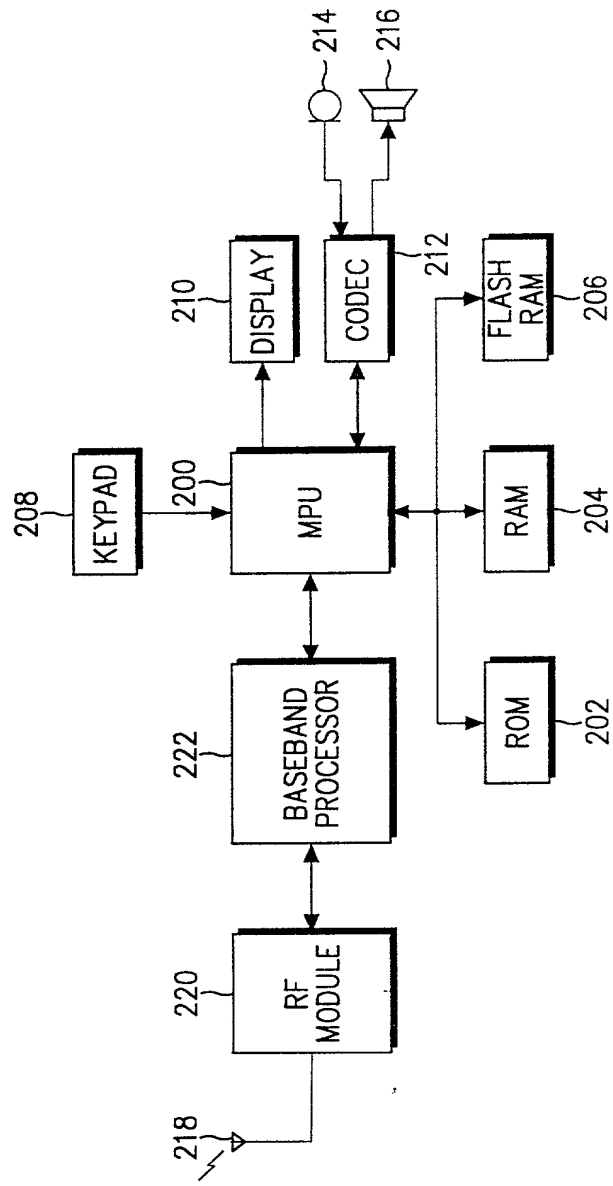


FIG. 3A

BASIC SMS DATA	MSG TYPE	SEGMENT_#	TOTAL SEGMENT_#	AD ID	BANNER/LOGO AD DATA
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FIG. 3B

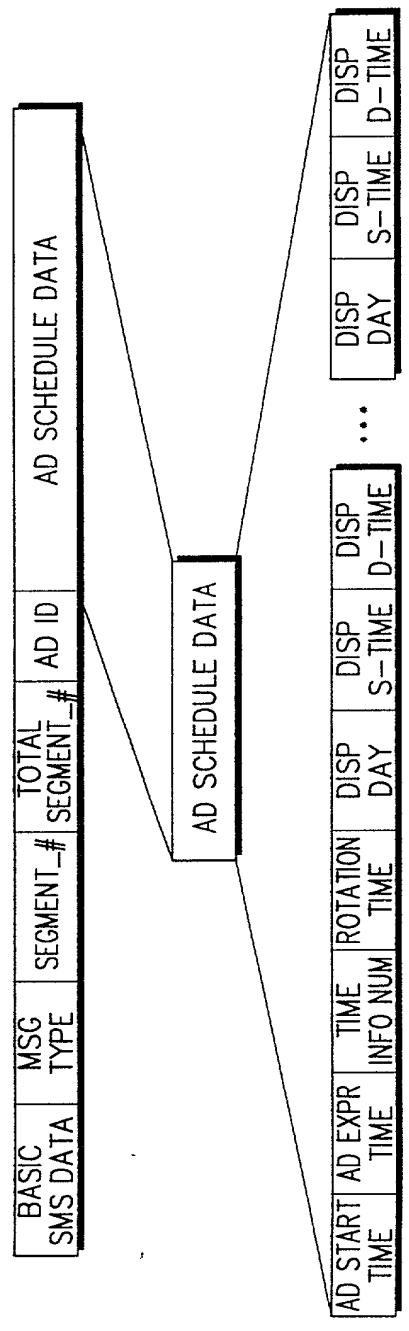


FIG. 4A

MAX NUMBER OF STORABLE ADVERTISEMENTS

TYPEDEF STRUCT {

WORD STIME[12];

WORD DTIME[12];

// AD DISPLAY START TIME

// AD DISPLAY DEADLINE TIME

} UIMETABLE;

TYPEDEF STRUCT SCHEDULE {

STRUCT SCHEDULE * LINKPTR; // LINKED LIST POINTER

DWORD ADLD // ADVERTISEMENT IDENTIFICATION

DWORD START TIME // AD START TIME

DWORD EXPIR TIME // AD EXPIRATION TIME

BYTE ROTATE TIMER

// WHEN SEVERAL ADS SHARE SAME DISPLAY DURATION,
RESPECTIVE ADS ARE DISPLAYED IN ROTATION FOR ROTATION TIME/
// AD DISPLAY START TIME AND AD DISPLAY DEADLINE TIME OF DAY

// AD DISPLAY START TIME AND AD DISPLAY DEADLINE TIME OF DAY

UI TIME TABLE DAYOFWEEK[7];

BYTE TIMEIDX

BOO LEAN ACTIVE

// INDEX OF BUFFER WITH TIME INFO OF CURRENTLY DISPLAYED AD

// INDICATOR INDICATING CURRENTLY DISPLAYED AD DATA

} UI_SMM_SCHEDULE_TYPE;

FIG. 4B

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TYPEDEF STRUCT ADVERTISE {
    STRUCT ADVERTISE *LINKPTR ; // LINKED LIST POINTER

    DWORD ADLD ; // ADVERTISEMENT IDENTIFICATION
    DWORD EXPIRTIME ; // AD EXPIRATION TIME
    BYTE CATEGORY [14] ; // CATEGORY OF ADS (EX: DRINK AD AND SPORTS AD)
    BYTE TITLE [14] ; // AD TITLE
    BYTE ADDATA [200] ; // DATA BUFFER WITH BANNER AD OR LOGO AD
} UI_SMM_ADVERTISE_TYPE ;

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FIG. 4C

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STATIC UI_SMM_SCHEDULE_TYPE *DLISTPTR ; // SCHEDULE HEADER POINTER OF DISPLAY DATA LIST
STATIC UI_SMM_SCHEDULE_TYPE *ALISTPTR ; // SCHEDULE TEMP POINTER OF DISPLAY DATA LIST
STATIC UI_SMM_SCHEDULE_TYPE SCHEDULE_INFO ; // SCHEDULE DATA STRUCTURE UI VARIABLE
STATIC UI_SMM_SCHEDULE_TYPE ADVERTISE_INFO ; // ADVERTISEMENT DATA STRUCTURE UI VARIABLE
STATIC DWORD RO TIME=0, RO TIME OLD=0 ; // ROTATION TIME AND OLD ROTATION TIME OF CURRENTLY DISPLAYED AD SCHEDULE
STATIC WORD DURATION TIME=0, DURATION TIME OLD=0 ; // DURATION TIME AND OLD DURATION TIME OF CURRENTLY DISPLAYED AD SCHEDULE

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FIG. 5

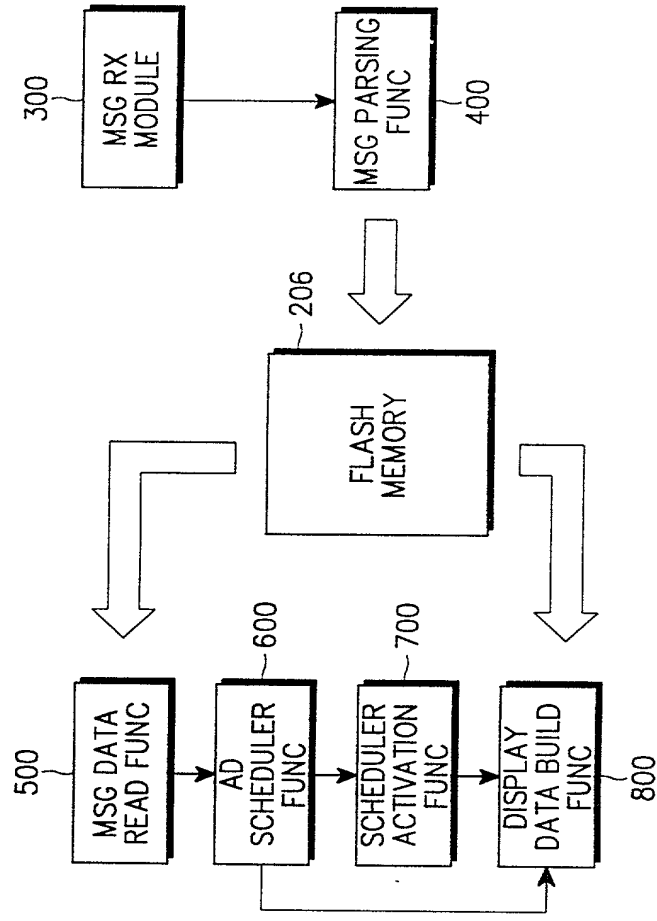
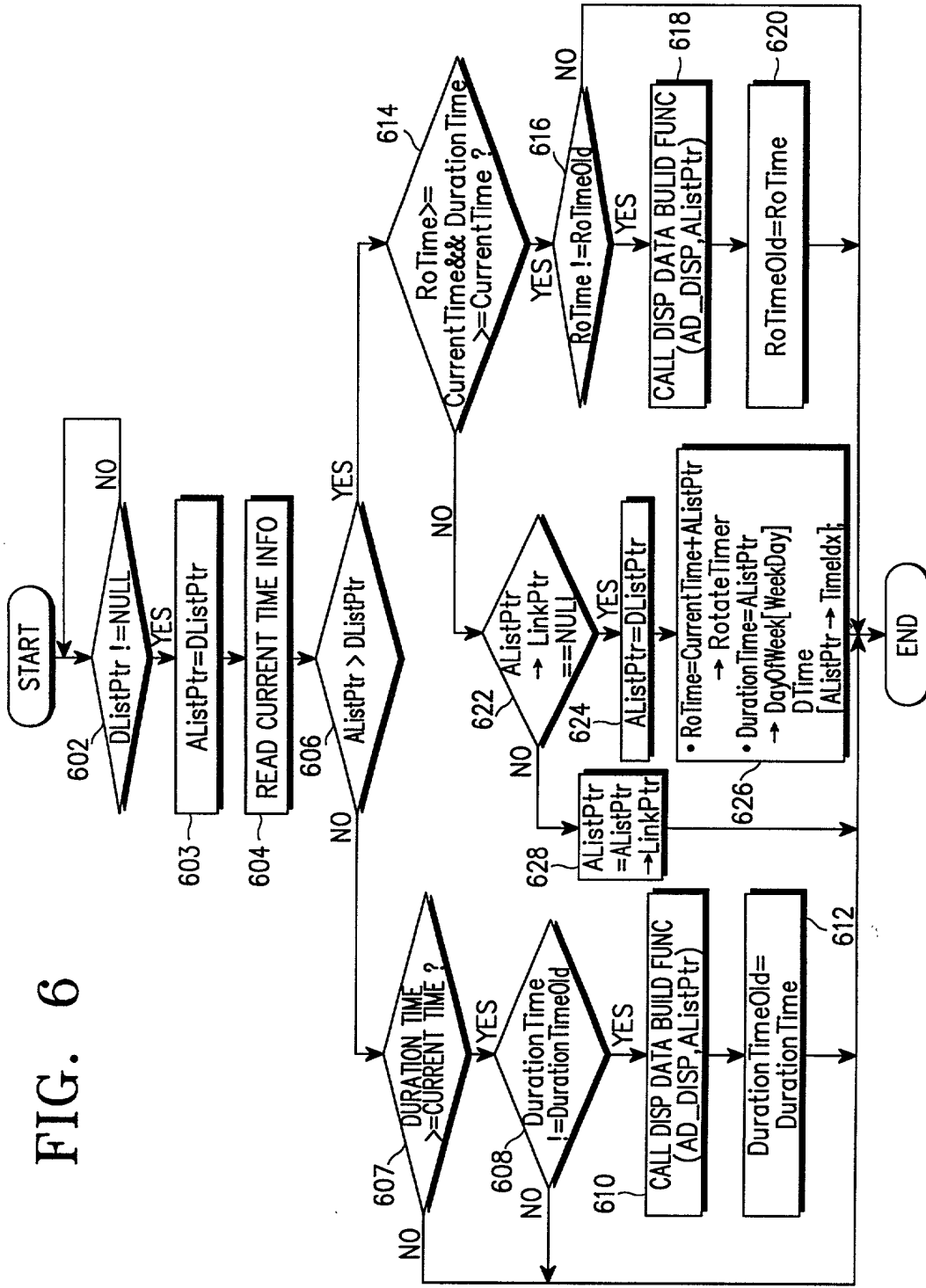


FIG. 6



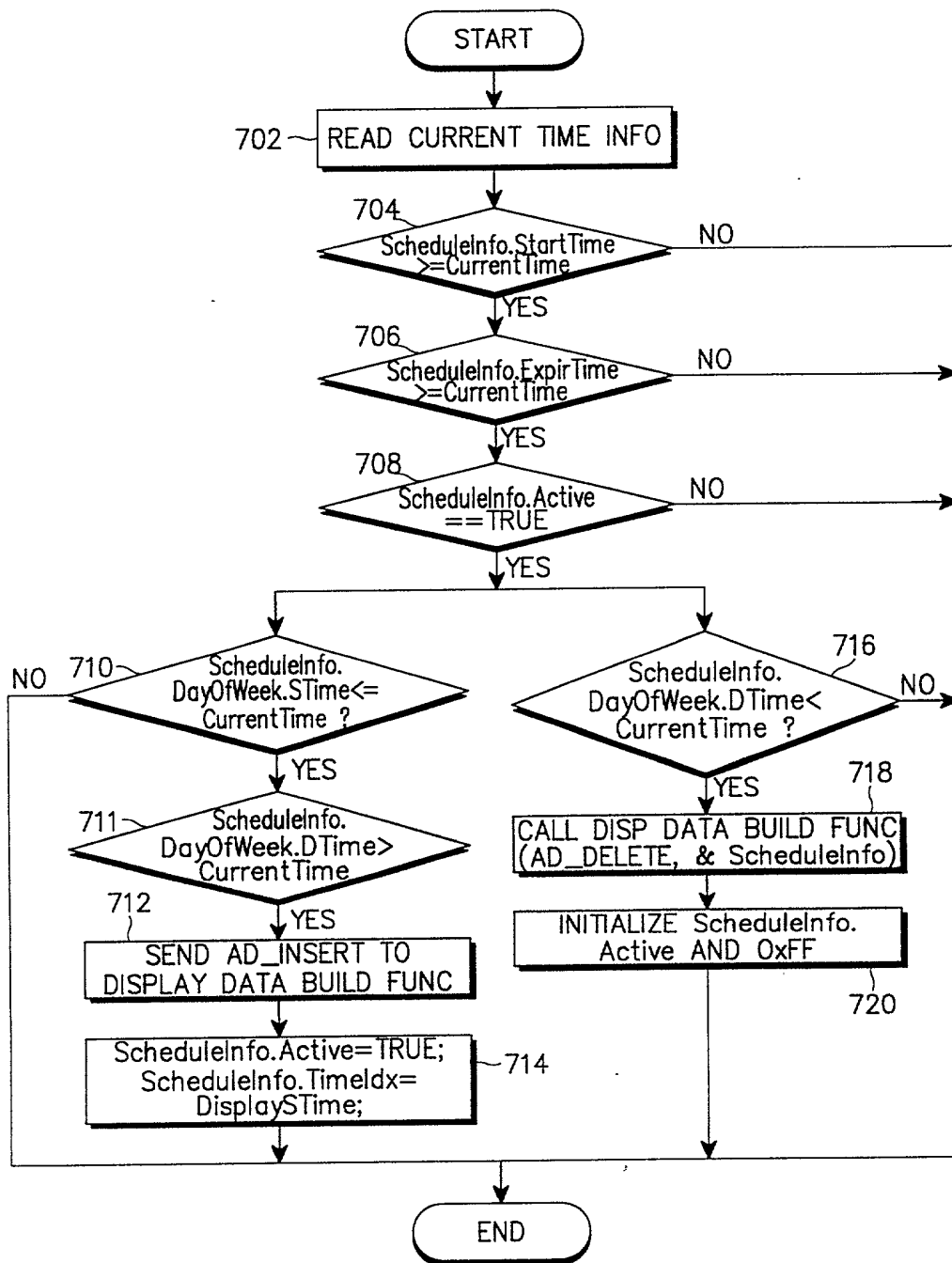


FIG. 7

FIG. 8

